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1936

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JANUARY, 1936 - June 1944

J. A. BROWN, DIRECTOR

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JANUARY 1936

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	65.4	64.0	64.1	64.5	16.0	12 3	13.9	15.8	13.2	14.3
2	2.4	1.3	2.4	2.0	17.6	12.9	13.2	17.5	14.7	15.1
3	2.9	1.5	1.2	1.9	17.3	13.9	15.3	16.7	14.3	15.4
4	59.7	59.6	1.4	0.2	17.8	12.8	16.6	17.1	15.7	16.5
5	62.6	61.9	2.2	2.2	17.2	13.9	15.0	16.5	14.4	15.3
6	61.1	60.3	60.5	60.6	16.8	11.8	14.7	16.3	13.6	14.9
7	2.4	2.5	5.1	3.3	16.6	11.9	13.2	16.1	12.8	14.0
8	4.6	6.8	7.6	6.3	16.6	12.1	14.9	16.2	13.6	14.9
9	7.2	6.3	6.3	6.6	17.1	12.1	15.4	16.7	14.8	15.6
10	5.7	4.7	5.2	5.2	17.3	13.9	17.0	16.7	14.9	16.2
11	64.9	63.0	63.3	63.7	17.6	13.1	16.1	17.2	16.3	16.5
12	3.6	3.4	4.6	3.9	17.2	12.6	15.1	15.7	13.6	14.8
13	4.9	3.8	3.5	4.1	18.4	12.9	15.6	16.9	13.1	15.2
14	2.5	2.7	4.5	3.2	17.8	12.8	14.8	14.9	13.6	14.4
15	5.8	5.4	6.8	6.0	17.7	12.8	14.9	17.1	14.6	15.5
16	67.8	66.1	66.0	66.8	17.2	13.3	14.9	16.4	14.2	15.2
17	2.6	0.3	0.7	1.2	18.4	12.5	17.0	18 3	15.4	16.9
18	1.7	1.1	2.1	1.6	18.6	12.3	14.0	17.9	14.8	15.6
19	4.1	3.9	4.5	4.2	17.6	11.8	14.3	17.3	14.2	15.3
20	5.5	4.5	4.8	4.9	17.3	12.9	13.8	16.7	13.7	14.7
21	66.3	65.6	66.4	66.1	17.7	12.4	15.9	16.8	14.3	15.7
22	7.0	6.3	6.6	6.6	17.1	12.6	14.6	16.4	14.5	15.2
23	6 8	5.2	5.9	6.0	17.3	12.4	15.8	16.6	13.9	15.4
24	6.5	5.7	6.6	6.3	17.4	13.1	16.4	17.2	14.1	15.9
25	6.0	5.1	5.8	5.6	18.4	14.1	15.3	17.7	15.4	16.1
26	67.0	66.6	67.6	67.1	17.7	12.8	16.4	17.5	15.5	16.5
27	7.4	6.2	5.3	6.3	18.2	13.6	15.6	16.7	14.9	15.7
28	2.8	0.6	59.5	1 0	19.1	14.5	15.0	18.3	16.1	16.5
29	57.8	55.9	7.8	57.2	21.3	11.1	18.6	19.8	16.1	18.2
30	7.0	6.6	60.3	8.0	16.8	12.4	12.7	15.3	16.1	14.7
31	63.3	62.7	2.2	62.7	17.8	13.6	15.8	17.6	14.8	16.1
	764.07	763.21	763.87	763.72	17.64	12.81	15.22	16.90	14.55	15.56

Barometer, range for month 755.9 mm.—767.8 mm.

,, 50-yr. average for month 763.360 mm.

Thermometer, Range for month 11.1° C.—.21.3° C.

,, 50-yr. average for month 13.67° C.

Rain, total for month 87.606 mm.

,, , 50-yr. average for month 191.01 mm.

,, , total, Sept. 1st to end of month 535.890 mm.

50-yr. average, Sept. 1st to end of month 576.84 mm

JANUARY 1936
METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	9.6	12.8	10.8	6.8	9.2	8.4	8.1	58	69	73	66.7	9.1	
2	9.5	12.8	10.4	7.0	8.5	7.3	7.3	62	57	58	59.0	5.8	
3	11.9	13.3	11.3	8.5	9.4	8.4	8.8	66	67	70	67.7	7.2	
4	14.4	12.6	13.4	10.9	8.4	10.1	9.9	78	58	76	70.7	0.7	0.559
5	11.6	13.4	11.0	8.3	9.6	8.0	8.6	65	69	65	66.3	6.3	
6	11.9	13.0	10.9	8.9	9.2	8.3	8.9	72	67	71	70.0	0.0	0.305
7	10.6	13.3	12.4	8.1	9.7	10.5	9.4	71	72	95	79.3	4.5	2.921
8	12.3	14.2	12.1	9.2	10.7	9.6	9.9	73	79	83	78.3	6.6	
9	12.5	14.9	13.3	9.1	11.5	10.4	10.9	70	81	82	77.7	6.7	
10	12.2	14.6	14.6	8.6	11.0	12.0	10.4	56	78	95	76.0	6.8	
11	10.9	13.2	12.9	7.2	9.0	9.2	8.5	52	62	67	60.3	6.3	
12	12.6	13.7	11.7	9.4	10.4	9.2	9.6	74	79	79	77.3	3.6	2.210
13	12.6	14.8	13.0	9.1	11.1	10.9	10.4	69	77	96	80.7	4.2	6.858
14	13.0	14.3	11.9	10.0	11.8	9.4	10.4	80	95	80	85.0	1.0	4.775
15	13.7	14.9	13.3	10.9	11.2	10.5	10.9	86	77	84	82.3	1.4	
16	12.7	14.3	12.5	9.6	10.7	9.8	10.0	75	78	81	78.0	7.3	
17	13.4	15.4	13.7	9.4	11.2	10.6	10.4	66	72	82	73.3	8.7	
18	11.4	15.6	13.2	8.6	11.7	10.3	10.2	72	77	82	77.0	6.6	
19	13.3	14.9	12.1	10.9	11.1	9.3	10.4	87	75	78	80.0	4.1	8.636
20	12.6	14.5	12.6	10.1	11.0	10.2	10.4	86	78	87	83.7	5.0	4.191
21	13.2	14.6	12.7	9.7	10.9	10.0	10.2	72	76	82	76.7	7.0	0.254
22	12.6	14.7	13.2	9.6	11.3	10.5	10.5	78	81	85	81.3	7.6	
23	13.4	14.8	12.8	10.0	11.4	10.3	10.6	75	82	86	81.0	8.0	
24	13.6	14.9	12.3	9.9	11.1	9.6	10.2	72	76	80	76.0	7.5	
25	13.8	15.9	15.1	10.8	12.3	12.5	11.9	83	82	96	87.0	4.2	15.240
26	14.9	15.2	13.9	11.7	11.3	10.8	11.3	84	76	83	81.0	9.0	4.699
27	13.6	15.4	14.4	10.4	12.1	11.9	11.5	79	85	95	86.3	4.1	
28	12.3	15.9	13.8	9.1	11.9	10.3	10.5	72	77	77	75.3	5.7	
29	14.6	15.5	14.7	10.0	10.5	11.6	10.7	63	61	85	69.7	2.7	0.508
30	12.6	14.3	13.7	10.5	11.4	10.3	10.7	94	88	76	86.0	1.5	26.315
31	14.2	15.2	13.8	11.0	11.4	11.1	11.2	83	76	89	82.7	7.7	10.135
				9.44	10.72	10.04	10.09	73.32	75.06	81.23	76.53	5.38	2.826

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

JANUARY 1936

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	2ci	4ci	0	2.0	1s	0	0	157.6	light	
2	10stcu	8stcu	9stcu	9.0	0	0	1s	115.3	slight	thin M. a.m.
3	0	10st	7st	5.7	0	1s	0	67.3	light	„ „ „lunar h.
4	10stcu	10stcu	6stcu	8.7	1s	2n	1se	216.4	mod.	
5	7cicu	9ci	2ci	6.0	1s	0	0	137.9	„	L. eve.
6	10cu	10st	10stcu	10.0	0	1w	0	321.1	light	thin F. a.m. tr. a.m
7	4stci	8stcu	8stci	6.7	1s	0	0	122.2	mod.	[of Moo
8	1cu	3stcu	7stcu	3.7	0	0	0	106.5	slight	thin M. a.m.Eclips
9	1stcu	8ci	6ci	5.0	0	1w	2s	60.8	„	
10	1cu	1ci	3ci	1.7	0	0	0	87.9	„	
11	7ci	0	3ci	3.3	2e	3e	5e	255.9	rough	L. eve.
12	7stcu	10stni	0	5.7	0	1n	1n	70.5	slight	
13	1cu	10st	10ni	7.0	0	1s	0	253.8	light	thin M.a.m. F.p.m.
14	10stcu	9stcu	1cu	6.7	0	0	0	253.3	„	F. a.m.
15	10st	3cicu	0	4.3	1s	1s	1s	231.1	„	thin M. a.m.
16	1cu	1cu	0	0.7	0	1n	0	95.7	„	„ „ „
17	0	7ci	0	2.3	0	1w	1s	193.7	mod.	
18	1cu	7stcu	10ni	6.0	1s	1sw	0	268.7	light	thin M. a.m. L. eve
19	10ni	7ni	0	5.7	0	1s	0	284.9	„	
20	3cu	9stcu	0	4.0	0	1w	1e	235.7	„	thin M. a.m.
21	2cicu	8cicu	0	3.3	0	1s	1s	95.9	slight	„ „ „
22	9ci	8ci	0	5.7	0	0	0	47.7	light	
23	2ci	1cu	0	1.0	0	1s	0	16.1	slight	
24	7cu	7cicu	0	4.7	0	2w	1w	175.1	„	thin M., Dew a.m.
25	10stci	8stcu	10ni	9.3	1s	2sw	0	423.8	rough	thin F. a.m.
26	1cu	1cu	3cu	1.7	0	1w	0	184.2	light	
27	8ci	10stci	0	6.0	0	0	0	60.3	„	F. a.m.p.m. [F p.m
28	10ci	9stci	2ci	7.0	0	0	0	104.1	„	thin M. hev. D. a.m
29	10stcu	8stcu	9ni	9.0	0	3s	1sw	335.9	„	„ „a.m.F.SWGp.m
30	10cuni	9cuni	7stcu	8.7	2sw	3sw	2sw	583.7	rough	H.am.F.p.m ;am.S.W.
31	6stcu	7cicu	10ci	7.7	0	0	0	137.1	mod.	Lunar Halo
				5.43	0.4	0.9	0.6	183.88		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	1	0	7	1	0	0	22	31
14:30	3	0	1	0	7	3	6	0	11	31
20:30	1	0	2	1	5	2	1	0	19	31
Totals	4	0	4	1	19	6	7	0	52	93

Number of days with rain 14, fog 8, thunderstorms 0, gales 2.

50-yr. average number of days with rain during month 15.8

Abbreviations used in "Notes"; Dew (D), Fog (F), Gale (G), Lightning (L), Mist (M), Thunder (T). Hail (h), Halo (h), Trace rain (tr.)